Full 3D Pass-through
Support IR Control
Ultra HD 4K X 2K

3x1 HDMI Switcher

SW31NN00RK

User Manual

HIGH-DEFINITION MULTIMEDIA INTERFACE

INTRODUCTION

HDMI Switcher is designed to make your A/V equipment use more comfortable, more productive and less expensive. This 3x1 HDMI Switcher allows your three HDMI sources to share with one HDTV display. It ensures the best resolution of 4k x 2k. And if that weren' t enough, you can control your device via IR signals with an optional IR Blaster and Receiver pigtail.

The 3x1 HDMI Switcher offers solutions for HDTV, STB, DVD, home theater, projector manufacture plant environments testing, data center, information distribution, conference room presentation, school and corporate training environments and AV installation etc.

PACKAGE CONTENTS

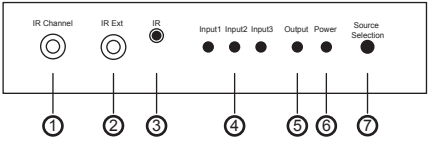
•1 x HDMI 3 by 1 Swithcer unit
•1 x Remote
•1 x 5V DC power supply
•1 x User Manual

FEATURES

•HDMI, HDCP 1.2 and DVI compliant
•Support full 3D pass-through
•Support 4k x 2k high resolution
•Super IR control system, IR transport channel can be forward or backward per your installation
•Support CEC bypass
•External and internal EDID settings

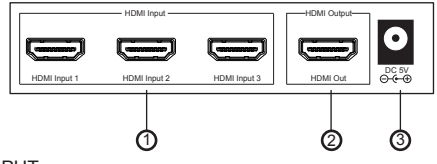
PANEL DESCRIPTION

Front Panel



① IR OUTPUT
② IR EXTENDER OUTPUT
③ BUILT-IN IR
④ HDMI INPUT LED
⑤ HDMI OUTPUT LED
⑥ POWER LED
⑦ SOURCE SELECTION BUTTON

Rear Panel

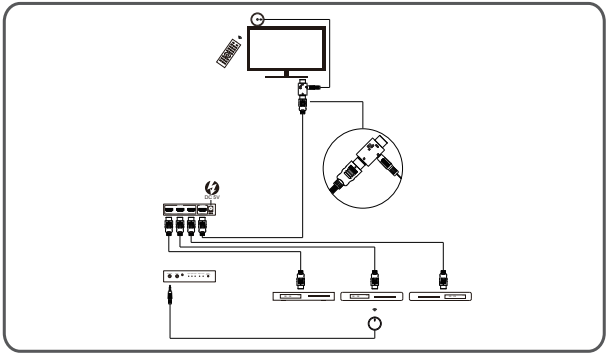


① HDMI INPUT
② HDMI OUTPUT
③ POWER SUPPLY INPUT

INSTALLATION

•Connect HDMI input ports to the signal source equipments such as DVD player, Blue-ray player, Set-top box etc.
•Connect HDMI output port to the HDMI display.
•Connect to IR output port with the IR blaster cable（not included in the package） for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
•Connect to the IR receiver cable (not included in the package) for IR signal reception. An IR over HDMI adaptor is needed for connection. Make sure that the remote being used is in direct line-of-sight of the IR receiver.
•You can control the device using a supplied Remote by pointing to the built-in IR sensor.
•Connect to the IR extender iutput with the IR extender cable (optional) if you need to extend the distance of using the remote.
•Plug the 5VDC power supply into the unit and connect the adaptor to AC outlet.

CONNECTION DIAGRAM



SPECIFICATION

Input Port	3xHDMI(Female connector), 1xIR Channel
Output Port	1xHDMI(Female connector), 1xIR Channel
Bandwidth	10.2Gbps
Output Resolution	480i~1080P@50/60,1080P@24/50/60, VGA~UXGA
Operating Temperature	-15℃~55℃/5°F~131°F
Deep Color	36bit
Chassis	Metal
Dimension	112mm(L)x75mm(W)x24mm(H)
Weight	205g
Power Supply	DC 5V

SAFETY PRECAUTIONS

Please read the following safety precautions carefully before you unpack and install this equipment.

1.Do not expose the unit to rain, moisture or any other dripping liquids. And keep it away from any wet locations such as fishing tanks, vases.
2.Do not install the unit close to fire or any other heat sources.
3.Keep the unit in dry and ventilated area. Do not install in bookcase, cabinet or any other confined space.
4.Stop using the unit during thundering or lightening storms.
5.Avoid the power cable to be stepped on or pinched. Position the unit carefully to avoid damage or accident.
6.Clean the unit only with dry cloth.
7.Only use accessories specified by the manufacturer.
8.Unplug the equipment when unused for a long period of time.
9.Do not try to open any non-serviceable parts. Contact your authorized servicing center and personnel.

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